



Micrel / Microchip Technology

## PIC16LF87-I/P

Part Number: PIC16LF87-I/P  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 7KB FLASH 18DIP  
 Datasheets:  
 1.PIC16LF87-I/P.pdf  
 2.PIC16LF87-I/P.pdf  
 3.PIC16LF87-I/P.pdf  
 4.PIC16LF87-I/P.pdf  
 5.PIC16LF87-I/P.pdf  
 6.PIC16LF87-I/P.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16LF87-I/P

PART NUMBER	PIC16LF87-I/P
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 18DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.PIC16LF87-I/P.pdf</a> <a href="#">2.PIC16LF87-I/P.pdf</a> <a href="#">3.PIC16LF87-I/P.pdf</a> <a href="#">4.PIC16LF87-I/P.pdf</a> <a href="#">5.PIC16LF87-I/P.pdf</a> <a href="#">6.PIC16LF87-I/P.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	18-PDIP
SPEED	10MHz
SERIES	PIC® 16F
RAM SIZE	368 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	7KB (4K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	18-DIP (0.300", 7.62mm)
OTHER NAMES	PIC16LF87IP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 10MHz 7KB (4K x 14) FLASH 18-PDIP
DATA CONVERTERS	-
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC16LF87

### Related Tags

Micrel / Microchip Technology PIC16LF87-I/P	PIC16LF87-I/P Distributor	PIC16LF87-I/P Supplier
PIC16LF87-I/P Price	PIC16LF87-I/P Pictures	PIC16LF87-I/P Image
PIC16LF87-I/P PDF Datasheet	PIC16LF87-I/P Download Datasheet	PIC16LF87-I/P Datasheet
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### Related Products

 <b>PIC16LF87-I/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 18SOIC In stock: 894 pcs <a href="#">RFQ</a>	 <b>PIC16LF84T-04I/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 18SOIC In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF870-I/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28SOIC In stock: 70 pcs <a href="#">RFQ</a>	 <b>PIC16LF84T-04/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 18SOIC In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF84AT-04I/SS</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 20SSOP In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF87-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28QFN In stock: Out stock <a href="#">RFQ</a>
 <b>PIC16LF84AT-04/SS</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 1.75KB FLASH 20SSOP In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF870T-I/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28SOIC In stock: Out stock <a href="#">RFQ</a>
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 <b>PIC16LF87-I/SS</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SSOP In stock: Out stock <a href="#">RFQ</a>	 <b>PIC16LF870-I/SP</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28SDIP In stock: Out stock <a href="#">RFQ</a>

